

Message

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Sent: 10/18/2018 10:19:41 PM
To: DeWinkler, Jeffery [jdewinkler@usbr.gov]; Horsburgh Bryan (bhorsburgh@usbr.gov) [bhorsburgh@usbr.gov]
Subject: Follow-up on Grand Coulee Dam conversation

Hi Bryan and Jeff,

Thanks for the conversation yesterday on the Grand Coulee Dam. Just to follow up on a few items, Ellie Ott at Department of Ecology and Todd Thorn from Colville Tribes are my contacts on the 401 certs. Their emails are ekey461@ecy.wa.gov and todd.thorn@colvilletribes.com.

Also, re: our conversation on 316(b) and what is currently at the Grand Coulee Dam, it would be helpful if you could provide information on the following:

1. River water intake – My understanding is that the river intake(s) to the dam are at a depth, angle, and location that are not attractive for fish. Can you elaborate on the physical location and set-up of the river intake? If you also have any general information on fish presence upstream of the dam that might be present and how they are or are not attracted to the intake, please provide that.
2. Trash racks – Based on our conversation, there are trash racks near the entrance of the river intakes. Please provide information on the size of the trash racks and their design (diameter). If there are other physical structures or operations which prevent or discourage fish from entering the intakes, please also send the information.
3. Strainers – It appears that operators have not observed fish being entrained or that fish have not been observed on strainers that are at the cooling water intakes. Please verify and/or provide any additional information on the strainers.
4. Other information – If there is other information on how the dam is operated or on the physical set-up of the operations which prevent or minimize fish impingement or entrainment, please let me know.

I know that you plan to do additional sampling at the third plant drainage sump, since you feel the sample on the permit application was not representative. Also, we can further discuss influent monitoring, EAL plans, 316(b) plans and studies, and the BMP plan in our next meeting in a few weeks.

If you have any questions, please don't hesitate to contact me.

Jenny Wu

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